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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	Not Yet Assigned
				Filing Date	July 14, 2003
				First Named Inventor	Mark J. STEFIK et al
				Art Unit	3621
				Examiner Name	Kambiz Abdi
Sheet	1	of	10	Attorney Docket Number	111325-273

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
K.A.		US-3,263,158	07/26/1966	D.W. Barga et al.	
		US-3,609,697	09/28/1971	Blevins et al.	
		US-3,790,700	02/05/1974	Callais et al.	
		US-3,798,605	03/19/1974	Feistel	
		US-4,159,468	06/26/1979	Barnes et al.	
		US-4,220,991	09/02/1980	Hamano et al.	
		US-4,278,837	07/14/1981	Best	
		US-4,323,921	04/06/1982	Guillou	
		US-4,442,486	04/10/1984	Mayer	
		US-4,529,870	07/16/1985	Chaum	
		US-4,558,176	12/10/1985	Arnold et al.	
		US-4,593,376	06/03/1986	Volk	
		US-4,614,861	09/30/1986	Pavlov et al.	
		US-4,644,493	02/17/1987	Chandra et al.	
		US-4,658,093	04/14/1987	Hellman	
		US-4,713,753	12/15/1987	Beobert et al.	
		US-4,796,220	01/03/1989	Wolfe	
		US-4,817,140	03/28/1989	Chandra et al.	
		US-4,827,508	05/02/1989	Shear	
	✓		US-4,868,376	09/19/1989	Lessin et al.

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
K.A.		0 084 441	EP	07/27/1983	TABS LIMITED		
		0 180 460	EP	05/07/1986	SONY CORPORATION		
		0 332 707	EP	09/20/1989	HONDA GIKEN KOGYO KABUSHIKI KAISHA		
		0 651 554	EP	05/03/1995	EASTMAN KODAK CO.		
		0 668 695	EP	08/23/1995	VICTOR COMPANY OF JAPAN LIMITED		
		0 725 376	EP	08/07/1996	SONY CORP.		
		2 136 175	GB	09/12/1984	ATALLA CORP.		
		2 236 604	GB	04/10/1991	SUN MICROSYSTEMS INC		
		0 715 241	JP	06/05/1996	MITSUBISHI CORP.		
		04-369068	JP	12/21/1992	CHIYUUBU NIHON DENKI SOFUTOU EA KK		Abst

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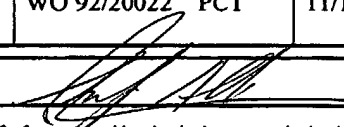
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K. A. ↓					

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
K.A.		05-268415	JP	10/15/1993	RICOH CO LTD		Abst
		06-175794	JP	06/24/1994	FUJI XEROX CO LTD		Abst
		06-215010	JP	08/05/1994	SONY CORP.		Abst
		07-084852	JP	03/31/1995	HITACHI LTD.		Abst
		07-200317	JP	08/04/1995	TOSHIBA CORP.		Abst
		07-244639	JP	09/19/1995	FUJITSU LTD		Abst
		62-241061	JP	10/21/1987	NEC CORP.		Abst
		64-068835	JP	03/14/1989	RYOICHI MORI		Abst
		WO 01/63528	PCT	08/30/2001	IPDN COPR.		
		WO 92/20022	PCT	11/12/1992	DIGITAL EQUIPMENT CORP.		

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				Art Unit	3621
				Examiner Name	Kambiz ABDI
Sheet	3	of	10	Attorney Docket Number	111325-273

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		Number - Kind Code <sup>2</sup> (if known)			
L.A.		US-5,138,712	08/11/1992	Corbin	
		US-5,146,499	09/08/1992	Geffrotin	
		US-5,148,481	09/15/1992	Abraham et al.	
		US-5,159,182	10/27/1992	Eisele	
		US-5,183,404	02/02/1993	Aldous et al.	
		US-5,191,193	03/02/1993	Le Roux	
		US-5,204,897	04/20/1993	Wyman	
		US-5,222,134	06/22/1993	Waite et al.	
		US-5,235,642	08/10/1993	Wobber et al.	
		US-5,247,575	09/21/1993	Sprague et al.	
		US-5,255,106	10/19/1993	Castro	
		US-5,260,999	11/09/1993	Wyman	
		US-5,263,157	11/16/1993	Janis	
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		US-5,276,444	01/04/1994	McNair	
		US-5,276,735	01/04/1994	Boebert et al.	
		US-5,291,596	03/01/1994	Mita	
		US-5,301,231	04/05/1994	Abraham et al.	
		US-5,311,591	05/10/1994	Fischer	
		US-5,319,705	06/07/1994	Halter et al.	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				
L.A.		WO 93/01550 PCT	01/21/1993	INFOLOGIC SOFTWARE, INC		
		WO 94/01821 PCT	01/20/1994	SECURE COMPUTING CORP.		
		WO 96/24092 PCT	08/08/1996	BENSON, Greg		
		WO 97/48203 PCT	12/18/1997	INTEL CORP.		
		WO 98/11690 PCT	03/19/1998	GLOVER, John J.		
		WO 98/42098 PCT	09/24/1998	CRYPTOWORKS, INC.		
		WO 99/49615 PCT	09/30/1999	MICROTOME		

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				Filing Date	July 14, 2003
				First Named Inventor	Mark J. STEFIK et al
				Art Unit	3621
				Examiner Name	Kambiz Abdi
				Attorney Docket Number	111325-273

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E.A.		US-5,337,357	08/09/1994	Chou et al.	
		US-5,339,091	08/16/1994	Yamazaki et al.	
		US-5,341,429	08/23/1994	Stringer et al.	
		US-5,347,579	09/13/1994	Blandford	
		US-5,381,526	01/10/1995	Ellson	
		US-5,394,469	02/28/1995	Nagel et al.	
		US-5,410,598	04/25/1995	Shear	
		US-5,412,717	05/02/1995	Fischer	
		US-5,428,606	06/27/1995	Moskowitz	
		US-5,432,849	07/11/1995	Johnson et al.	
		US-5,438,508	08/01/1995	Wyman	
		US-5,444,779	08/22/1995	Daniele	
		US-5,453,601	09/26/1995	Rosen	
		US-5,455,953	10/03/1995	Russell	
		US-5,457,746	10/10/1995	Dolphin	
		US-5,473,687	12/05/1995	Lipscomb et al.	
		US-5,473,692	12/05/1995	Davis	
		US-5,499,298	03/12/1996	Narasimhalu et al.	
		US-5,502,766	03/26/1996	Boebert et al.	
		US-5,504,814	04/02/1996	Miyahara	

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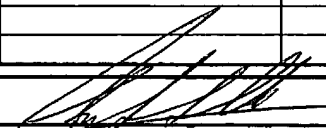
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K.A.		US-5,737,416	04/07/1998	Cooper et al.	
		US-5,745,569	04/28/1998	Moskowitz et al.	
		US-5,748,783	05/05/1998	Rhoads	
		US-5,757,907	05/26/1998	Cooper et al.	
		US-5,761,686	06/02/1998	Bloomberg	
		US-5,765,152	06/09/1998	Erickson	
		US-5,768,426	06/16/1998	Rhoads	
		US-5,825,892	10/20/1998	Braudaway et al.	
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		US-5,915,019	06/22/1999	Ginter et al.	
		US-5,917,912	06/29/1999	Ginter et al.	
		US-5,920,861	07/06/1999	Hall et al.	
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		US-5,943,422	08/24/1999	Van Wie et al.	
		US-5,949,876	09/07/1999	Ginter et al.	
		US-5,982,891	11/09/1999	Ginter et al.	
		US-5,999,949	12/07/1999	Crandall	
		US-6,047,067	04/04/2000	Rosen	
		US-6,112,181	08/29/2000	Shear et al.	

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K.A.						

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KA		US-6,115,471	09/05/2000	Oki et al.	
		US-6,138,119	10/24/2000	Hall et al.	
		US-6,157,721	12/05/2000	Shear et al.	
		US-6,185,683	02/06/2001	Ginter et al.	
		US-6,226,618	05/01/2001	Downs et al.	
		US-6,233,684	05/15/2001	Stefik et al.	
		US-6,237,786	05/29/2001	Ginter et al.	
		US-6,240,185	05/29/2001	Van Wie et al.	
		US-6,253,193	06/26/2001	Ginter et al.	
		US-6,292,569	09/18/2001	Shear et al.	
		US-6,301,660	10/09/2001	Benson	
		US-6,327,652	12/04/2001	England et al.	
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		US-6,363,488	03/26/2002	Ginter et al.	
		US-6,389,402	05/14/2002	Ginter et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup> (if known)				
KA						

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				Application Number	Not Yet Assigned
				Filing Date	July 14, 2003
				First Named Inventor	Mark J. STEFIK et al
				Art Unit	3621
Examiner Name	Kambiz Abdi				
Sheet	8	of	10	Attorney Docket Number	111325-273

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kA		"National Semiconductor and EPR Partner for Information Metering/Data Security Cards" March 4, 1994, Press Release from Electronic Publishing Resources, Inc.	
		Weber, R., "Digital Rights Management Technology" October 1995	
		Flasche, U. et al., "Decentralized Processing of Documents", pp. 119-131, 1986, Comput. & Graphics, Vol. 10, No. 2	
		Mori, R. et al., "Superdistribution: The Concept and the Architecture", pp. 1133-1146, 1990. The Transactions of the IEICE, Vo. E 73, No. 7, Tokyo, JP	
		Weber, R., "Metering Technologies for Digital Intellectual Property", pp. 1-29, Oct. 1994, A Report to the International Federation of Reproduction Rights Organizations	
		Clark, P.C. et al., "Bits: A Smartcard protected Operating System", pp. 66-70 and 94, November 1994, Communications of the ACM, Vol. 37, No. 11	
		Ross, P.E., "Data Guard", pp. 101, June 6, 1994, Forbes	
		Saigh, W.K., "Knowledge is Sacred", 1992, Video Pocket/Page Reader Systems, Ltd.	
		Kahn, R.E., "Deposit, Registration and Recordation in an Electronic Copyright Management System", pp. 1-19, August 1992, Corporation for National Research Initiatives, Virginia	
		Hilts, P. et al., "Books While U Wait", pp. 48-50, January 3, 1994, Publishers Weekly	
↓		Strattner, A., "Cash Register on a Chip may Revolutionize Software Pricing and Distribution; Wave Systems Corp.", pp. 1-3, April 1994, Computer Shopper, Vol. 14, No. 4, ISSN 0886-0556	

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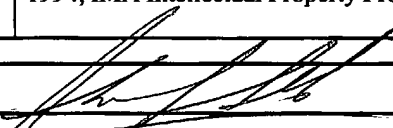
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		O'Conner, M., "New Distribution Option for Electronic Publishers; iOpener Data Encryption and Metering System for CD-ROM use; Column", pp. 1-6, March 1994, CD-ROM Professional, Vol. 7, No. 2, ISSN: 1409-0833	
		Willett, S., "Metered PCs: Is Your System Watching You? Wave System beta tests new technology", pp. 84, May 2, 1994, InfoWorld	
		Linn, R., "Copyright and Information Services in the Context of the National Research and Education Network", pp. 9-20, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	
		Perrit, Jr., H., "Permission Headers and Contract Law", pp. 27-48, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	
		Uptegrove, L., "Intellectual Property Header Descriptors: A Dynamic Approach", pp. 63-66, January 1994, IMA Intellectual Property Proceedings, Vol. 1, Issue 1	
		Sirbu, M., "Internet Billing Service Design and prototype Implementation", pp. 67-80, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	
		Simmell, S. et al., "Metering and Licensing of Resources: Kala's General Purpose Approach", pp. 81-110, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	
		Kahn, R., "Deposit, Registration and Recordation in an Electronic Copyright Management System", pp. 111-120, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	
		Tygar, J. et al., "Dyad: A System for Using Physically Secure Coprocessors", pp. 121-152, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	
		Griswold, G., "A Method for Protecting Copyright on Networks", pp. 169-178, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	

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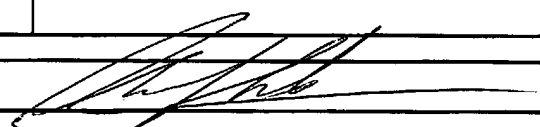
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6A		Nelson, T., "A Publishing and Royalty Model for Networked Documents", pp. 257-259, January 1994, IMA Intellectual Property Project Proceedings, Vol. 1, Issue 1	
		Robinson, E., "Redefining Mobile Computing", pp. 238-240, 247-248 and 252, July 1993, PC Computing	
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		Mark Stefik, "Letting Loose the Light: Igniting Commerce in Electronic Publication", pp. 219-253, 1996, Internet Dreams: Archetypes, Myths, and Metaphors, IDS N 0-262-19373-6	
		Mark Stefik, "Letting Loose the Light: Igniting Commerce in Electronic Publication", pp. 2-35, February 8, 1995, Internet Dreams: Archetypes, Myths and Metaphors	
		Henry H. Perritt, Jr., "Technological Strategies for Protecting Intellectual Property in the Networked Multimedia Environment", April 2-3, 1993, Knowbots, Permissions Headers & Contract Law	

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